GENERAL INSTRUCTIONS

Complete a load calculation for all flights--contracts, "offers," or military. For repetitive flights, one calculation is valid between like points of similar elevation as long as loads do not exceed that authorized by the calculation for the initial flight, and weather conditions do not change.

SPECIFIC INSTRUCTIONS

Item

1-11. Pilot completes Item 1 through 11; Helicopter Foreman or Officer in charge completes the balance of the form.

1. PRESSURE ALTITUDE--Read altimeter when set to 29.92.
2. PRESSURE ALTITUDE--Use MSL/Elevation until available.
3. HELICOPTER EQUIPPED WEIGHT--Empty weight of A/C (Obtained from pilot) + weight of accessories required for mission + weight of oil.
4. FLIGHT CREW WEIGHT--Weight of pilot (and any additional crew members) + his/her (their) personal gear.
5. FUEL--AvGas = 6.0 lbs./gal. Jet Fuel (JP) - 7 lbs./gal.

7. COMPUTED GROSS WEIGHT--Obtain weight from A/C Hover In Ground Effect (HIGE) Chart using pressure altitude and temperature. Sling load missions and adverse terrain or adverse weather, etc. flights will be computed from A/C Hover Out of Ground Effect (HOGE) Charts. (Use external load charts and/or external load limits.)

8. WEIGHT REDUCTION--Enter applicable weight reduction for helicopter model as shown on Weight Reduction Chart.

10. TAKE-OFF AND LANDING LIMITS--Enter applicable Take-Off and Landing Weight Limit as found in LIMITATIONS section of Handbook.

11. SELECTED WEIGHT--If line 9 is greater than line 10, line 9 may be used for JETTISONABLE loads. However, the lowest weight, line 9 or 10, will be used for NON-JETTISONABLE loads.

13. ALLOWABLE LOAD--The maximum allowable weight (passenger and/or cargo) that can be carried for the mission.

14. PASSENGERS AND/OR CARGO--Enter passenger weights and/or type and weights of cargo. Manifest all passengers by name for each flight.

15. ACTUAL PAYLOAD--Total of all weights listed in Item 14.

16. ACTUAL GROSS WEIGHT--The total of weights in Items 12 and 15.

WEIGHT REDUCTION CHART

Model	Weight	Model	Weight	Model	Weight
AS-350B	130	206B-II	100	S-55T	170
AS-350D	130	206B-III	130	S-58T	
SA-315B	180	206L-1	150	W/PT6T-3	400
SA-316B	170	212	390	W/PT6T-6	460
SA-318C	80	214B-1	380	UH-1B	200
SA-319B	210	UH-12E	90	UH-1C	200
47G-3B	90	UH-12J3	100	UH-1E	200
47G-3B-1	90	FH-1100	100	UH-1F	200
47G-3B-2	90	H-500C	110	UH-1H	260
47G-Turbine	120	H-500D	120	UH-1M	200
204B	200	BO-105C		OH-58A	100
205A-1	260	W/250-C20	150	OH-58C	130
		W/250-C20B	180	OH-58C	